L Number	Hits	Search Text	DB	Time stamp
1	2	6,403,491.pn.	USPAT;	2004/11/05 13:3
		-	US-PGPUB;	200 (/ 11/ 05 15.5
			EPO; JPO;	
		·	DERWENT;	
	·		IBM TDB	
2	2751	liu.in. and etch\$3	USPĀT;	2004/11/05 13:3
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
3	1012	(liu.in. and etch\$3) and plasma	USPĀT;	2004/11/05 13:3
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
,	005	(4): 1 100 11 2 16	IBM_TDB	
4	985	((liu.in. and etch\$3) and plasma) and (wafer or substrate or semiconductor)	USPAT;	2004/11/05 13:4
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
-	4.3	//: 1 100 1000 - 1 1	IBM_TDB	
5	13	(liu.in. and etch\$3) and (Wang-Judy.in. or Komatsu-Takehiko.in. or Pu-Bryan.in.	USPAT;	2004/11/05 13:4:
		or Doan-Kenny.in. or Bjorkman-Claes.in. or Chang-Melody.in. or	.US-PGPUB;	
i		Kim-Yunsang.in. or Shan-Hongching.in. or Wang-Ruiping.in.)	EPO; JPO;	İ
			DERWENT;	
	15	1' 1 Asur T 1' Yz Prilitis	IBM_TDB	
6	15	liu.in. and (Wang-Judy.in. or Komatsu-Takehiko.in. or Pu-Bryan.in. or	USPAT;	2004/11/05 13:4
		Doan-Kenny.in. or Bjorkman-Claes.in. or Chang-Melody.in. or Kim-Yunsang.in.	US-PGPUB;	
		or Shan-Hongching in. or Wang-Ruiping in.)	EPO; JPO;	
			DERWENT;	
7	2026		IBM_TDB	
7	2826	(liu.in. or (Wang-Judy.in. or Komatsu-Takehiko.in. or Pu-Bryan.in. or	USPĀT;	2004/11/05 13:46
		Doan-Kenny.in. or Bjorkman-Claes.in. or Chang-Melody.in. or Kim-Yunsang.in.	US-PGPUB;	
		or Shan-Hongching.in. or Wang-Ruiping.in.)) and etch\$3	EPO; JPO;	
			DERWENT;	
8	1002	(/lining a /W/ I I i I/ I/ III i I I I I I I I I I I	IBM_TDB	İ
•	1082	((liu.in. or (Wang-Judy.in. or Komatsu-Takehiko.in. or Pu-Bryan.in. or	USPAT;	2004/11/05 13:46
		Doan-Kennyin. or Bjorkman-Claes.in. or Chang-Melody.in. or Kim-Yunsang.in.	US-PGPUB;	
		or Shan-Hongching.in. or Wang-Ruiping.in.)) and etch\$3) and plasma	EPO; JPO;	
			DERWENT;	
9	1053	(((living or (Wong Judying or Various T.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1	IBM_TDB	
1	1033	(((liu.in. or (Wang-Judy.in. or Komatsu-Takehiko.in. or Pu-Bryan.in. or	USPAT;	2004/11/05 13:47
		Doan-Kenny.in. or Bjorkman-Claes.in. or Chang-Melody.in. or Kim-Yunsang.in. or Shan-Hongching.in. or Wang-Ruiping.in.)) and etch\$3) and plasma) and (wafer	US-PGPUB;	
	1	or substrate or semiconductor) and etch 3) and plasma) and (wafer	EPO; JPO;	
1		of substrace of semiconductory	DERWENT;	
10	594	((((liu.in. or (Wang-Judy.in. or Komatsu-Takehiko.in. or Pu-Bryan.in. or	IBM_TDB	2004/44/5=
	3/1	Doan-Kenny.in. or Bjorkman-Claes.in. or Chang-Melody.in. or Kim-Yunsang.in.	USPAT;	2004/11/05 14:26
1		or Shan-Hongching in. or Wang-Ruiping in.)) and etch\$3) and plasma) and (wafer	US-PGPUB;	
		or substrate or semiconductor)) and gas	EPO; JPO;	
}		or substract of sermeonicuctor)) and gas	DERWENT;	
11	2	us-20030215569-\$.did.	IBM_TDB	2004/44/05 44 00
	-	as 1000011000 p.dic.	USPĀT;	2004/11/05 14:28
			US-PGPUB;	
i			EPO; JPO;	
			DERWENT;	
12	4	(("5647912") or ("6059885") or ("4738748") or ("5647912") or ("4716852") or	IBM_TDB	2004/44/05 44:55
	. 1	("5647912") or ("6059885") or ("5647912") or ("6059885") or ("6059885") or	USPAT	2004/11/05 14:32
		("5647912") or ("6059885")).PN.		
3	2	jp-2002371361-\$.did.	TEDATE	2004/44/05 44 15
	-	η ν =0020 , 1301-ψατία.	USPAT;	2004/11/05 14:40
			US-PGPUB;	
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	7	("5647912") or ("6059885") or ("5647912") or ("6059885") or ("6059885") or	USPAT	2004/11/05 14:39
T I		("5647912") or ("6059885") or ("6059885") or ("6059885") or ("6059885") or	1	

16 2 6432259.pn. US.PGPUB; EPO, IPO, DERWENT; IBM 11DB USPAT; US.PGPUB; EPO, IPO, DERWENT; IBM 11DB U	/11/05 14: /11/05 14: /11/05 14:5 /11/05 13:3 /12/30 10:2
16 2 6432259.pn. EPC, IPC, DERWENT; IBM_TDB USPAT; US-PGPUB; EPC, IPC, IPC, IPC, IPC, IPC, IPC, IPC, I	/11/05 14:5 /11/05 14:5 /11/05 13:3 /12/30 10:2
17 9 (("6158384") or ("6143078") or ("6070551") or ("6054013") or ("6036877") or ("60708877") or ("6013155") or ("6013155") or ("6070551") or ("6542936")).PN. 18 7 (("5522934") or ("6001267") or ("6419751")).PN. 190 ((showerhead or distribut\$4) same vortex) and (wafer or substrate) ((showerhead or distribut\$4) with vortex) and (wafer or substrate) ((showerhead or distribut\$4) with vortex) and (wafer or substrate) ((showerhead or distribut\$4) with vortex) and (wafer or substrate) ((showerhead or distribut\$4) with vortex) and (wafer or substrate) ((showerhead or distribut\$4) with vortex) and (wafer or substrate)) ((showerhead or distribut\$4) with vortex) and (wafer or substrate)) ((showerhead or distribut\$4) with vortex) and (wafer or substrate)) ((showerhead or distribut\$4) with vortex) and (wafer or substrate)) ((showerhead or distribut\$4) with vortex) and (wafer or substrate)) ((showerhead or distribut\$4) with vortex) and (wafer or substrate)) or (((showerhead or distribut\$4) with vortex) and (wafer or substrate))) or (((showerhead or distribut\$4) with vortex) and (wafer or substrate))) or (((showerhead or distribut\$4) with vortex) and (wafer or substrate))) or (((showerhead or distribut\$4) with vortex) and (wafer or substrate))) or (((showerhead or distribut\$4) with vortex) and (wafer or substrate))) or (((showerhead or distribut\$4) with vortex) and (wafer or substrate))) or (((showerhead or distribut\$4) with vortex) and (wafer or substrate))) or (((showerhead or distribut\$4) with vortex) and (wafer or substrate))) or (((showerhead or distribut\$4) with vortex) and (wafer or substrate))) or (((showerhead or distribut\$4) with vortex) and (wafer or substrate)) not (((showerhead or distribut\$4) with vortex) and (wafer or substrate)) not (((showerhead or distribut\$4) with vortex) and (wafer or substrate)) not (((showerhead or distribut\$4) with vortex) and (wafer or substrate)) not (((showerhead or distribut\$4) with vortex) and (wafer or substrate)) not (((showerhead or distribut\$4) with vortex) and (wa	/11/05 14:5 /11/05 14:5 /11/05 13:3 /12/30 10:2
16	/11/05 14:5 /11/05 14:5 /11/05 13:3 /12/30 10:2
16 2 6432259.pn. USPĀT; US-PGPUB; EPO, IPO, DERWENT; IBM TIDB USPĀT; US-PGPUB; EPO, IPO, IPO, IPO, IPO, IPO, IPO, IPO, I	/11/05 14:5 /11/05 14:5 /11/05 13:3 /12/30 10:2
US-PGPUB; EPO; IPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; IPO; IPO; IPO; IPO; IPO; IPO; IPO; I	/11/05 14:5 /11/05 14:5 /11/05 13:3 /12/30 10:2
17 9 (("6158384") or ("6143078") or ("6070551") or ("6054013") or ("6036877") or ("EPO, JPO, DERWENT]; IBM IDB USPAT ("5522934") or ("6001267") or ("6419751")).PN. 190 ((showerhead or distribut\$4) same vortex) and (wafer or substrate) 190 ((showerhead or distribut\$4) with vortex) and (wafer or substrate) 113 (((showerhead or distribut\$4) with vortex) and (wafer or substrate)) or (((showerhead or distribut\$4) with vortex) and (wafer or substrate)) 113 (((showerhead or distribut\$4) with vortex) and (wafer or substrate)) or (((showerhead or distribut\$4) with vortex) and (wafer or substrate)) 115 (gas same vortex) and (wafer or substrate) not ((((showerhead or distribut\$4) with vortex) and (wafer or substrate)) or (((showerhead or distribut\$4) with vortex) and (wafer or substrate)) or (((showerhead or distribut\$4) with vortex) and (wafer or substrate))) or (((showerhead or distribut\$4) with vortex) and (wafer or substrate))) or (((showerhead or distribut\$4) with vortex) and (wafer or substrate))) or (((showerhead or distribut\$4) with vortex) and (wafer or substrate))) or (((showerhead or distribut\$4) with vortex) and (wafer or substrate))) or (((showerhead or distribut\$4) with vortex) and (wafer or substrate))) or (((showerhead or distribut\$4) with vortex) and (wafer or substrate))) or (((showerhead or distribut\$4) with vortex) and (wafer or substrate))) or (((showerhead or distribut\$4) with vortex) and (wafer or substrate))) or (((showerhead or distribut\$4) with vortex) and (wafer or substrate))) or (((showerhead or distribut\$4) with vortex) and (wafer or substrate))) or (((showerhead or distribut\$4) with vortex) and (wafer or substrate))) or (((showerhead or distribut\$4) with vortex) and (wafer or substrate))) or (((showerhead or distribut\$4) with vortex) and (wafer or substrate))) or (((showerhead or distribut\$4) with vortex) and (wafer or substrate))) or (((showerhead or distribut\$4) with vortex) and (wafer or substrate))) or (((showerhead or distribut\$4) with vortex) and (wafer or substrate))) or ((shower	/11/05 14:5 /11/05 13:3 /12/30 10:2
17 9 (("6158384") or ("6143078") or ("6070551") or ("6054013") or ("6036877") or ("6013155") or ("5906683") or ("5772771") or ("5423936")).PN. USPAT; US-PGPUB; EPO, IPO, DERWENT; IBM TIDB USPAT	/11/05 14:5 /11/05 13:3 /12/30 10:2
17 9 (("6158384") or ("6143078") or ("6070551") or ("6054013") or ("6036877") or ("6036877") or ("6013155") or ("5906683") or ("5772771") or ("5423936")).PN. USPĀT 2004/11 USPĀT US-PGPUB; EPO, IPO, DERWENTI; IBM TIDB USPĀT; US-PGPUB; EPO, IPO, DERWENTI; IBM TIDB USPĀT; US-PGPUB; EPO, IPO, DERWENTI; IBM TIDB USPĀT; US-PGPUB; EPO, IPO, DERWENTI; IBM TIDB USPĀT; US-PGPUB; EPO, IPO, DERWENTI; IBM TIDB USPĀT; US-PGPUB; EPO, IPO, DERWENTI; IBM TIDB USPĀT; US-PGPUB; EPO, IPO, DERWENTI; IBM TIDB USPĀT; US-PGPUB; EPO, IPO, DERWENTI; IBM TIDB USPĀT; US-PGPUB; EPO, IPO, DERWENTI; IBM TIDB USPĀT; US-PGPUB; EPO, IPO, DERWENTI; IBM TIDB USPĀT; US-PGPUB; EPO, IPO, DERWENTI; IBM TIDB USPĀT; US-PGPUB; EPO, IPO, DERWENTI; IBM TIDB USPĀT; US-PGPUB; EPO, IPO, DERWENTI; IBM TIDB USPĀT; US-PGPUB; EPO, IPO, DERWENTI; IBM TIDB USPĀT; US-PGPUB; EPO, IPO, DERWENTI; IBM TIDB USPĀT; US-PGPUB; EPO, IPO, DERWENTI; IBM TIDB USPĀT; US-PGPUB; EPO, IPO, DERWENTI; IBM TIDB USPĀT; US-PGPUB; EPO, IPO, DERWENTI; IBM TIDB USPĀT; US-PGPUB; EPO, IPO, DERWENTI; IBM TIDB USPĀT; US-PGPUB; EPO, IPO, IPO, IPO, IPO, IPO, IPO, IPO, I	/11/05 14:5 /11/05 13:3 /12/30 10:2
17 ("6013155") or ("6070551") or ("60764013") or ("6036877") or ("6036877") or ("6013155") or ("5070683") or ("5772771") or ("5423936")).PN. 18 7 ("5522934") or ("6001267") or ("6419751")).PN. 190 ((showerhead or distribut\$4) same vortex) and (wafer or substrate) 190 ((showerhead or distribut\$4) with vortex) and (wafer or substrate) 190 ((showerhead or distribut\$4) with vortex) and (wafer or substrate) 1113 (((showerhead or distribut\$4) with vortex) and (wafer or substrate)) 113 (((showerhead or distribut\$4) with vortex) and (wafer or substrate)) 114 (((showerhead or distribut\$4) with vortex) and (wafer or substrate)) 115 (((showerhead or distribut\$4) with vortex) and (wafer or substrate)) 116 (((showerhead or distribut\$4) with vortex) and (wafer or substrate)) 117 (((showerhead or distribut\$4) with vortex) and (wafer or substrate)) 118 (((showerhead or distribut\$4) with vortex) and (wafer or substrate)) not ((((showerhead or distribut\$4) with vortex) and (wafer or substrate))) or ((((showerhead or distribut\$4) with vortex) and (wafer or substrate))) or ((((showerhead or distribut\$4) with vortex) and (wafer or substrate))) or ((((showerhead or distribut\$4) with vortex) and (wafer or substrate))) or ((((showerhead or distribut\$4) with vortex) and (wafer or substrate))) or ((((showerhead or distribut\$4) with vortex) and (wafer or substrate))) or ((((showerhead or distribut\$4) with vortex) and (wafer or substrate))) or ((((showerhead or distribut\$4) with vortex) and (wafer or substrate))) or ((((showerhead or distribut\$4) with vortex) and (wafer or substrate)) or ((((showerhead or distribut\$4) with vortex) and (wafer or substrate)) or ((((showerhead or distribut\$4) with vortex) and (wafer or substrate)) or ((((showerhead or distribut\$4) with vortex) and (wafer or substrate)) or ((((showerhead or distribut\$4) with vortex) and (wafer or substrate)) or ((((showerhead or distribut\$4) with vortex) and (wafer or substrate)) or ((((showerhead or distribut\$4) with vortex) and (wafer or substrate)) or ((((shower	/11/05 14:5 /11/05 13:3 /12/30 10:2
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190 ((showerhead or distribut\$4) same vortex) and (wafer or substrate) USPAT; US-PGPUB; EPO; IPO; DERWENT; IBM TDB USPAT; USPA	/11/05 13:3 /12/30 10:2
US-PGPUB; EPO, IPO, DERWENT; IBM TIDB USPAT; US-PGPUB; EPO, IPO, DERWENT; IBM TIDB USPAT; US-PGPUB; EPO, IPO, DERWENT; IBM TIDB USPAT; US-PGPUB; EPO, IPO, DERWENT; IBM TIDB USPAT; US-PGPUB; EPO, IPO, DERWENT; IBM TIDB USPAT; US-PGPUB; EPO, IPO, DERWENT; IBM TIDB USPAT; US-PGPUB; EPO, IPO, DERWENT; IBM TIDB USPAT; US-PGPUB; EPO, IPO, DERWENT; IBM TIDB USPAT; US-PGPUB; EPO, IPO, DERWENT; IBM TIDB USPAT; US-PGPUB; EPO, IPO, DERWENT; IBM TIDB USPAT; US-PGPUB; EPO, IPO, DERWENT; IBM TIDB USPAT; US-PGPUB; EPO, IPO, DERWENT; IBM TIDB USPAT; US-PGPUB; EPO, IPO, DERWENT; IBM TIDB USPAT; US-PGPUB; EPO, IPO, DERWENT; ISM TIDB USPAT; U	/11/05 13:3 /12/30 10:2
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190 ((showerhead or distribut\$4) same vortex) and (wafer or substrate) USPĀT; US-PGPUB; EPO; IPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; IPO; DERWEN	/12/30 10:2
US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EP	/12/30 10:2
[EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT	
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Comparison of the properties	12/20 10 -
113 ((((showerhead or distribut\$4) same vortex) and (wafer or substrate)) not ((((showerhead or distribut\$4) with vortex) and (wafer or substrate)) not ((((showerhead or distribut\$4) with vortex) and (wafer or substrate)) 455 (gas same vortex) and (wafer or substrate) not ((((((showerhead or distribut\$4) with vortex) and (wafer or substrate))) or ((((showerhead or distribut\$4) with vortex) and (wafer or substrate))) or ((((showerhead or distribut\$4) with vortex) and (wafer or substrate)) not (((((showerhead or distribut\$4) with vortex) and (wafer or substrate))) or (((((showerhead or distribut\$4) with vortex) and (wafer or substrate))) or ((((((showerhead or distribut\$4) with vortex) and (wafer or substrate))) or (((((((showerhead or distribut\$4) with vortex) and (wafer or substrate))) or (((((((((showerhead or distribut\$4) with vortex) and (wafer or substrate))) or (((((((((((((((((((((((((((((((((12/20 10 -
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vortex) and (wafer or substrate))) or (((showerhead or distribut\$4) with vortex) and (wafer or substrate))) (gas with vortex) and (wafer or substrate) not (((((showerhead or distribut\$4) with USPAT; 2002/12, same vortex) and (wafer or substrate)) not (((showerhead or distribut\$4) with USPAT; 2002/12, same vortex) and (wafer or substrate)) not (((showerhead or distribut\$4) with USPAT; 2002/12, same vortex) and (wafer or substrate)) not (((showerhead or distribut\$4) with vortex))	12/30 11:3
and (wafer or substrate))) Gas with vortex) and (wafer or substrate) not (((((showerhead or distribut\$4) same vortex) and (wafer or substrate)) not (((showerhead or distribut\$4) with US-PGPUB:	
(gas with vortex) and (wafer or substrate) not (((((showerhead or distribut\$4) USPAT; 2002/12, same vortex) and (wafer or substrate)) not (((showerhead or distribut\$4) with US-PGPUB:	
(gas with vortex) and (wafer or substrate) not (((((showerhead or distribut\$4) USPĀT; 2002/12/ same vortex) and (wafer or substrate)) not (((showerhead or distribut\$4) with US-PGPUB:	
same vortex) and (wafer or substrate)) not (((showerhead or distribut\$4) with US-PGPUR:	10/20 10 5
ostrological distribution with the contract of distribution with the contr	12/30 10:5
vortex) and (wafer or substrate))) or (((showerhead or distribut\$4) with vortex)	
and (wafer or substrate))) and (wafer or substrate)))	
IBM TDB	
155 ((gas same vortex) and (wafer or substrate) not (((((showerhead or distribut\$4) USPĀT: 2002/12/	12/30 10:5
same vortex) and (wafer or substrate)) not (((showerhead or distribut\$4) with US-PGPUB:	, 10.5.
vortex) and (wafer or substrate))) or (((showerhead or distribut\$4) with vortex) EPO: IPO:	
and (wafer or substrate)))) not ((gas with vortex) and (wafer or substrate) not DERWENT	
(((((showerhead or distribut\$4) same vortex) and (wafer or substrate)) not IBM TDB	
(((showerhead or distribut\$4) with vortex) and (wafer or substrate)))) or	
(((showerhead or distribut\$4) with vortex) and (wafer or substrate)))) 301 ((showerhead or plate) with (gas and holes and angle)) and (wafer or substrate) USPAT. 2002/12/	
(Single Fine Control of Fine Control of Substrate) (Single Fine Control of Substrate) (Single Fine Control of Substrate)	
not ((gas same vortex) and (wafer or substrate) not (((((showerhead or distribut\$4) same vortex) and (wafer or substrate)) not ((((showerhead or EPO; IPO;	12/30 11:08
	12/30 11:08
distribut\$4) with vortex) and (wafer or substrate))) or (((showerhead or distribut\$4) with vortex) and (wafer or substrate)))) IBM TDB	12/30 11:08
IDIVI 1DB	12/30 11:08
7 (((showerhead or plate) with (gas and holes and angle)) and (wafer or substrate) INPAT: 2002/12/	
7 (((showerhead or plate) with (gas and holes and angle)) and (wafer or substrate) USPAT: 2002/12/	12/30 11:08 12/30 11:08
7 (((showerhead or plate) with (gas and holes and angle)) and (wafer or substrate) USPAT; 2002/12/ not ((gas same vortex) and (wafer or substrate) not ((((showerhead or US-PGPUB;	
7 (((showerhead or plate) with (gas and holes and angle)) and (wafer or substrate) USPAT: 2002/12/	

-	294	(((showerhead or plate) with (gas and holes and angle)) and (wafer or substrate)	USPAT;	2002/12/30 11:28
		not ((gas same vortex) and (wafer or substrate) not (((((showerhead or	US-PGPUB;	
		distribut\$4) same vortex) and (wafer or substrate)) not (((showerhead or	EPO; JPO;	
		distribut\$4) with vortex) and (wafer or substrate))) or (((showerhead or	DERWENT;	
		distribut\$4) with vortex) and (wafer or substrate)))) not ((((showerhead or plate)	IBM TDB	
		with (gas and holes and angle)) and (wafer or substrate) not ((gas same vortex)		
		and (wafer or substrate) not (((((showerhead or distribut\$4) same vortex) and		
		(wafer or substrate)) not (((showerhead or distribut\$4) with vortex) and (wafer or	İ	
1		substrate))) or (((showerhead or distribut\$4) with vortex) and (wafer or		
		substrate))))) and vortex)	1	
-	5	(("5871586") or ("5781693") or ("5709757") or ("5595606") or ("5453124")).PN.	USPAT	2002/12/30 11:28
_	5	gas same (showerhead and vortex and chamber)	USPAT;	2002/12/30 11:28
		8 (US-PGPUB;	2002/12/30 11:36
			EPO; JPO;	
			DERWENT;	
_	5	(gas same (showerhead and vortex)) and (wafer or substrate)	IBM_TDB	2002/12/20 11 12
		(Sas same (showerhead and voicex)) and (water of substrate)	USPAT;	2002/12/30 11:40
1			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
_	131	(gas same (plate and vortex)) and (wafer or substrate)	IBM_TDB	
	151	Pas same there and somes) and (same of substrate)	USPAT;	2002/12/30 11:49
			US-PGPUB;	
			EPO; JPO;	
		,	DERWENT;	
	2	(403401	IBM_TDB	
_		6403491.pn.	USPAT;	2002/12/30 13:29
		·	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	120	(/#E005103#)	IBM_TDB	
-	130	(("5985102") or ("4632719") or ("5223108") or ("5431799") or ("5653811") or	USPAT;	2002/12/30 13:32
		("5653811") or ("5653811") or ("5653811") or ("5894159") or ("5894159") or	US-PGPUB;	
		("5894159") or ("5480678") or ("5894159") or ("5937304") or ("5894159") or	EPO; JPO;	
		("5665640") or ("5894159") or ("5733405") or ("5894159") or ("5522934") or	DERWENT;	
		("5976992") or ("5370739") or ("5592581") or ("5613821") or ("5223123") or	IBM_TDB	
		("5613821") or ("5613821") or ("5613821") or ("5613821") or ("16171922") or		
		("5613821") or ("4315333") or ("5474648") or ("5474648") or ("4078167") or		
1 1		("18192038") or ("13161721") or ("3718170") or ("4266453") or ("4346954") or		
		("4913461") or ("5253986") or ("5482624") or ("5498023") or ("5607584") or		
		("5716503") or ("5803298") or ("5588772") or ("5523652") or ("5588772") or		
		("5523652") or ("4027525") or ("4909806") or ("5747917") or ("4904621") or		
		("4904621") or ("5812403") or ("4207452") or ("5614026") or ("4904621") or		
		("4207452") or ("4902934") or ("4915979") or ("4951602") or ("4956204") or		
		("4986214") or ("4996077") or ("5082685") or ("5134965") or ("5282899") or		
		("5336533") or ("5376223") or ("5468955") or ("5494522") or ("5510277") or		
		("5587039") or ("5614055") or ("5627105") or ("5681393") or ("5707485") or		
		("5824604") or ("4996077") or ("4996077") or ("4996077") or ("4645218") or	j	
ļ .		("3875068") or ("4996077") or ("5494522") or ("3875068") or ("5494522") or		
		("5255153") or ("4645218") or ("3730873") or ("3730873") or ("4996077") or		
		("4996077") or ("3875068") or ("5494522") or ("5255153") or ("4645218") or		.].
		("3730873") or ("4996077") or ("3875068") or ("5494522") or ("4996077") or		'
		("5255153") or ("5255153") or ("4996077") or ("4645218") or ("4645218") or		
		("4996077") or ("3730873") or ("3730873") or ("4996077") or ("3875068") or		
		("5494522") or ("5255153") or ("4645218") or ("3730873") or ("4996077") or		
	İ	("4996077") or ("4996077") or ("4996077") or ("4996077") or	-	
		("4996077") or ("4996077") or ("3875068") or ("5494522") or ("5255153") or		
		("4645218") or ("3730873") or ("4996077") or ("4996077") or ("4645218") or		
		("5252178") or ("5255153") or ("3730873") or ("5255153") or ("5252178") or		
		("4645218") or ("4645218") or ("5255153") or ("5252178") or ("3730873") or		
		("4645218") or ("5252178") or ("5255153") or ("3730873") or ("67101112")).PN.		
		/ / / / / / / / / / / / / / / / / / / /		

-	13	(((USPAT;	2002/12/30 13:33
		("5653811") or ("5653811") or ("5653811") or ("5894159") or ("5894159") or	US-PGPUB;	
		("5894159") or ("5480678") or ("5894159") or ("5937304") or ("5894159") or	EPO; IPO;	
		("5665640") or ("5894159") or ("5733405") or ("5894159") or ("5522934") or	DERWENT;	7
		("5976992") or ("5370739") or ("5592581") or ("5613821") or ("5223123") or	IBM TDB	
		("5613821") or ("5613821") or ("5613821") or ("5613821") or ("16171922") or		
		("5613821") or ("4315333") or ("5474648") or ("5474648") or ("4078167") or		
		("18192038") or ("13161721") or ("3718170") or ("4266453") or ("4346954") or		
ĺ		("4913461") or ("5253986") or ("5482624") or ("5498023") or ("5607584") or		
		("5716503") or ("5803298") or ("5588772") or ("5523652") or ("5588772") or		
İ		("5523652") or ("4027525") or ("4909806") or ("5747917") or ("4904621") or		
		("4904621") or ("5812403") or ("4207452") or ("5614026") or ("4904621") or		
		("4207452") or ("4902934") or ("4915979") or ("4951602") or ("4956204") or		
		("4986214") or ("4996077") or ("5082685") or ("5134965") or ("5282899") or	`	
		("5336533") or ("5376223") or ("5468955") or ("5494522") or ("5510277") or		
		("5587039") or ("5614055") or ("5627105") or ("5681393") or ("5707485") or		
		("5824604") or ("4996077") or ("4996077") or ("4996077") or ("4645218") or		
		("3875068") or ("4996077") or ("5494522") or ("3875068") or ("5494522") or		
		("5255153") or ("4645218") or ("3730873") or ("3730873") or ("4996077") or		-
		("4996077") or ("3875068") or ("5494522") or ("5255153") or ("4645218") or		
		("3730873") or ("4996077") or ("3875068") or ("5494522") or ("4996077") or		
1		("5255153") or ("5255153") or ("4996077") or ("4645218") or ("4645218") or		
		("4996077") or ("3730873") or ("3730873") or ("4996077") or ("3875068") or	il.	
		("5494522") or ("5255153") or ("4645218") or ("3730873") or ("4996077") or		
		("4996077") or ("4996077") or ("4996077") or ("4996077") or		
		("4996077") or ("4996077") or ("499607") or ("499607") or ("4996077")		
		("4996077") or ("4996077") or ("3875068") or ("5494522") or ("5255153") or ("4645218") or ("3730873") or ("4006077")		
		("49465218") or ("3730873") or ("4996077") or ("4996077") or ("4645218") or ("6495218") or ("6495218")		
		("5252178") or ("5255153") or ("3730873") or ("5255153") or ("5252178") or ("5252178") or ("5252178")		
		("4645218") or ("4645218") or ("5255153") or ("5252178") or ("3730873") or	i	
		("4645218") or ("5252178") or ("5255153") or ("3730873") or ("67101112")).PN.)		ı
	3	and equation ("4/20740") ("500400") ("500400")		
	,	(((("5985102") or ("4632719") or ("5223108") or ("5431799") or ("5653811") or	USPAT;	2002/12/30 13:46
		("5653811") or ("5653811") or ("5653811") or ("5894159") or ("5894159") or	US-PGPUB;	
		("5894159") or ("5480678") or ("5894159") or ("5937304") or ("5894159") or	EPO; JPO;	
		("5665640") or ("5894159") or ("5733405") or ("5894159") or ("5522934") or	DERWENT;	
		("5976992") or ("5370739") or ("5592581") or ("5613821") or ("5223123") or	IBM_TDB	
		("5613821") or ("5613821") or ("5613821") or ("5613821") or ("16171922") or		
		("5613821") or ("4315333") or ("5474648") or ("5474648") or ("4078167") or		
		("18192038") or ("13161721") or ("3718170") or ("4266453") or ("4346954") or		
		("4913461") or ("5253986") or ("5482624") or ("5498023") or ("5607584") or	'	
		("5716503") or ("5803298") or ("5588772") or ("5523652") or ("5588772") or		
		("5523652") or ("4027525") or ("4909806") or ("5747917") or ("4904621") or		
		("4904621") or ("5812403") or ("4207452") or ("5614026") or ("4904621") or		
1		("4207452") or ("4902934") or ("4915979") or ("4951602") or ("4956204") or		
		("4986214") or ("4996077") or ("5082685") or ("5134965") or ("5282899") or		
		("5336533") or ("5376223") or ("5468955") or ("5494522") or ("5510277") or		
		("5587039") or ("5614055") or ("5627105") or ("5681393") or ("5707485") or		
		("5824604") or ("4996077") or ("4996077") or ("4996077") or ("4645218") or		
Ī		("3875068") or ("4996077") or ("5494522") or ("3875068") or ("5494522") or		
		("5255153") or ("4645218") or ("3730873") or ("3730873") or ("4996077") or		
		("4996077") or ("3875068") or ("5494522") or ("5255153") or ("4645218") or		•
		("3730873") or ("4996077") or ("3875068") or ("5494522") or ("4996077") or		
1		("5255153") or ("5255153") or ("4996077") or ("4645218") or ("4645218") or		
1		("4996077") or ("3730873") or ("3730873") or ("4996077") or ("3875068") or		
1		("5494522") or ("5255153") or ("4645218") or ("3730873") or ("4996077") or		
		("4996077") or ("4996077") or ("4996077") or ("4996077") or ("4996077")		
ŀ		("4996077") or ("4996077") or ("3875068") or ("5494522") or ("5255153") or		
1		("4645218") or ("3730873") or ("4996077") or ("4996077") or ("4645218") or		
		("5252178") or ("5255153") or ("3730873") or ("5255153") or ("5252178") or		
		y (32321/8) or	i l	
	İ	("4645218") or ("4645218") or ("5255153") or ("5252178") or ("2720072")	1	
		("4645218") or ("4645218") or ("5255153") or ("5252178") or ("3730873") or ("4645218") or ("5252178") or ("3730873") or ("47101112") DATA		
		("4645218") or ("5252178") or ("5255153") or ("3730873") or ("67101112")).PN.)		
	580	("4645218") or ("5252178") or ("5255153") or ("3730873") or ("67101112")).PN.) and equation) and (holes same distribut\$4)	Timb	
	580	("4645218") or ("5252178") or ("5255153") or ("3730873") or ("67101112")).PN.)	USPAT;	2002/12/30 13:46
	580	("4645218") or ("5252178") or ("5255153") or ("3730873") or ("67101112")).PN.) and equation) and (holes same distribut\$4)	US-PGPUB;	2002/12/30 13:46
	580	("4645218") or ("5252178") or ("5255153") or ("3730873") or ("67101112")).PN.) and equation) and (holes same distribut\$4)	US-PGPUB; EPO; JPO;	2002/12/30 13:46
	580	("4645218") or ("5252178") or ("5255153") or ("3730873") or ("67101112")).PN.) and equation) and (holes same distribut\$4)	US-PGPUB;	2002/12/30 13:46

	T			
-	181	(holes with (distribut\$4 and equation))	USPAT;	2002/12/30 13:49
			US-PGPUB;	
			EPO; JPO;	
	1		DERWENT;	
	105	zervigon.xa.	IBM_TDB	2002/12/22
-	103	zervigou.xa.	USPAT;	2002/12/30 13:49
			US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
	61	zervigon.xa. and distribut\$4	USPĀT;	2002/12/30 13:50
		,	US-PGPUB;	2002/12/30 13:30
			EPO; JPO;	
		·	DERWENT;	
			IBM TDB	
-	15	zervigon.xa. and (distribut\$4 same holes)	USPĀT;	2002/12/30 14:09
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
		((#(O42/07#)	IBM_TDB	_
-	11	(("6042687") or ("5997962") or ("5978202") or ("5968379") or ("5766498") or	USPĀT	2002/12/30 13:52
		("5683537") or ("5207437") or ("5178682") or ("5138520") or ("4689112") or		
1_	2	("4687544")).PN. (zervigon.xa. and (distribut\$4 same holes)) and equation	T TOTO A CT	2000/40/55
	2	(convergences and (distributes same notes)) and equation	USPAT;	2002/12/30 13:52
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
-	2	((("6042687") or ("5997962") or ("5978202") or ("5968379") or ("5766498") or	IBM_TDB USPAT;	2002/12/30 13:54
	_	("5683537") or ("5207437") or ("5178682") or ("5138520") or ("4689112") or	US-PGPUB;	2002/12/30 13:54
		("4687544")).PN.) and equation	EPO; JPO;	
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	DERWENT;	
			IBM TDB	
-	5	(("5138520") or ("5178682") or ("5138520") or ("5178682") or ("5178682") or	USPĀT	2002/12/30 13:59
		("5138520") or ("11161819") or ("5997962") or ("5766498") or ("5997962") or]	
		("12131417") or ("5683537") or ("5997962") or ("11161819") or ("5997962") or		
		("5997962")).PN.		
i -	6	(("4996077") or ("1089112") or ("1089112") or ("3254047") or ("3254047") or	USPAT	2002/12/30 13:59
	2	("4230515") or ("4167370") or ("5192849") or ("5192849")).PN.		
1 -	2	((("4996077") or ("1089112") or ("1089112") or ("3254047") or ("3254047") or	USPAT;	2002/12/30 13:59
		("4230515") or ("4167370") or ("5192849") or ("5192849")).PN.) and equation	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	.7	(("5592581") or ("5613821") or ("5223123") or ("5613821") or ("5613821") or	IBM_TDB	2002/12/20 12 52
	,	("5613821") or ("5613821") or ("16171922") or ("5613821")).PN.	USPAT; US-PGPUB;	2002/12/30 13:59
		- / (/ (101/ 1/22 / 01 (3013021)).114.	EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	0	((("5592581") or ("5613821") or ("5223123") or ("5613821") or ("5613821") or	USPĀT;	2002/12/30 14:00
		("5613821") or ("5613821") or ("16171922") or ("5613821")).PN.) and equation	US-PGPUB;	
		, , , , , , , , , , , , , , , , , , ,	EPO; JPO;	
			DERWENT;	
		(/#.6704/79) (#4040000)	IBM_TDB	
-	2	(("4078167") or ("18192038") or ("13161721")).PN.	USPĀT;	2002/12/30 14:00
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
_	1513	"951" and equation	IBM_TDB	2002/12/55
	1313	224 and equation	USPAT;	2002/12/30 14:00
			US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
·			מענו זייניני	

		[[[[[[[[[[[[[[[[[[[
-	0	((("4078167") or ("18192038") or ("13161721")).PN.) and equation	USPAT;	2002/12/30 14:01
			US-PGPUB;	
			EPO; JPO;	
	İ		DERWENT;	
	12	//#5705305#\ - /#55713//#\ /#51703/4#\ /#5404350#\ /#57743//#\	IBM_TDB	
-	13	(("5795385") or ("5571366") or ("5179264") or ("5401358") or ("5571366") or	USPAT;	2002/12/30 14:01
	1	("5179264") or ("5571366") or ("5571366") or ("5179264") or ("5571366") or	US-PGPUB;	
		("5179264") or ("5401358") or ("5401358")).PN.	EPO; JPO;	
			DERWENT;	
		(//#E705305#) (#EE74377#) (#E470077#) (#E404350#) (#E	IBM_TDB	
] -	2	((("5795385") or ("5571366") or ("5179264") or ("5401358") or ("5571366") or	USPAT;	2002/12/30 14:01
		("5179264") or ("5571366") or ("5571366") or ("5179264") or ("5571366") or	US-PGPUB;	
	i	("5179264") or ("5401358") or ("5401358")).PN.) and equation	EPO; JPO;	
			DERWENT;	
	39	((#2710170#)	IBM_TDB	
-	39	(("3718170") or ("4266453") or ("4346954") or ("4913461") or ("5253986") or	USPAT;	2002/12/30 14:01
		("5482624") or ("5498023") or ("5607584") or ("5716503") or ("5803298") or	US-PGPUB;	
		("5588772") or ("5523652") or ("5523652") or ("4027525") or	EPO; JPO;	
	1	("4909806") or ("5747917") or ("4904621") or ("4904621") or ("5812403") or	DERWENT;	
	,	("4207452") or ("5614026") or ("4904621") or ("4207452")).PN.	IBM_TDB	
-	3	((("3718170") or ("4266453") or ("4346954") or ("4913461") or ("5253986") or	USPAT;	2002/12/30 14:05
		("5482624") or ("5498023") or ("5607584") or ("5716503") or ("5803298") or	US-PGPUB;	
		("5588772") or ("5523652") or ("5523652") or ("4027525") or	EPO; JPO;	
		("4909806") or ("5747917") or ("4904621") or ("4904621") or ("5812403") or	DERWENT;	
	39	("4207452") or ("5614026") or ("4904621") or ("4207452")).PN) and equation	IBM_TDB	
_	39	(("3718170") or ("4266453") or ("4346954") or ("4913461") or ("5253986") or	USPAT;	2002/12/30 14:04
	}	("5482624") or ("5498023") or ("5607584") or ("5716503") or ("5803298") or	US-PGPUB;	
		("5588772") or ("5523652") or ("5588772") or ("5523652") or ("4027525") or ("4027525") or ("4027525")	EPO; JPO;	
		("4909806") or ("5747917") or ("4904621") or ("4904621") or ("5812403") or	DERWENT;	
	E1	("4207452") or ("5614026") or ("4904621") or ("4207452")).PN.	IBM_TDB	
-	51	(("4902934") or ("4915979") or ("4951602") or ("4956204") or ("4986214") or	USPĀT;	2002/12/30 14:05
		("4996077") or ("5082685") or ("5134965") or ("5282899") or ("5336533") or	US-PGPUB;	
		("5376223") or ("5468955") or ("5494522") or ("5510277") or ("5587039") or	EPO; JPO;	
		("5614055") or ("5627105") or ("5681393") or ("5707485") or ("5824604") or	DERWENT;	
		("4996077") or ("4996077") or ("4996077") or ("4645218") or ("3875068") or	IBM_TDB	
		("4996077") or ("5494522") or ("3875068") or ("5494522") or ("5255153") or		
		("4645218") or ("3730873") or ("3730873") or ("4996077") or ("4996077") or ("4996077") or ("4996077")		
		("3875068") or ("5494522") or ("5255153") or ("4645218") or ("3730873") or		
		("4996077") or ("3875068") or ("5494522") or ("4996077") or ("5255153") or		
]	("5255153") or ("4996077") or ("4645218") or ("4645218") or ("4996077") or		
		("3730873") or ("3730873") or ("4996077") or ("3875068") or ("5494522") or		
		("5255153") or ("4645218") or ("3730873") or ("4996077") or ("4996077") or ("4996077") or		
		("4996077") or ("4996077") or ("4996077") or ("4996077") or ("4996077") or ("4996077")	1	
		("4996077") or ("3875068") or ("5494522") or ("5255153") or ("4645218") or		
		("3730873") or ("4996077") or ("4996077") or ("4645218") or ("5252178") or		
		("5255153") or ("3730873") or ("5255153") or ("5252178") or ("4645218") or	į į	
		("4645218") or ("5255153") or ("5252178") or ("3730873") or ("4645218") or		
	24/0	("5252178") or ("5255153") or ("3730873") or ("67101112")).PN.		
-	3169	"1510" and equation	USPAT;	2002/12/30 14:05
	[US-PGPUB;	
	1		EPO; JPO;	
			DERWENT;	
			IBM_TDB	

	T			
-	5	((·······) • ·· (·······) • ·· (········) • ·· (··········	USPAT;	2002/12/30 14:07
	i	("4996077") or ("5082685") or ("5134965") or ("5282899") or ("5336533") or	US-PGPUB;	
		("5376223") or ("5468955") or ("5494522") or ("5510277") or ("5587039") or	EPO; JPO;	
		("5614055") or ("5627105") or ("5681393") or ("5707485") or ("5824604") or	DERWENT;	
	İ	("4996077") or ("4996077") or ("4996077") or ("4645218") or ("3875068") or	IBM TDB	
		("4996077") or ("5494522") or ("3875068") or ("5494522") or ("5255153") or	_	
		("4645218") or ("3730873") or ("3730873") or ("4996077") or ("4996077") or		
		("3875068") or ("5494522") or ("5255153") or ("4645218") or ("3730873") or	Ĭ	
		("4996077") or ("3875068") or ("5494522") or ("4996077") or ("5255153") or	1	
		("5255153") or ("4996077") or ("4645218") or ("4645218") or ("4996077") or		
		("3730873") or ("3730873") or ("4996077") or ("3875068") or ("5494522") or		
	1	("5255153") or ("4645218") or ("3730873") or ("4996077") or ("4996077") or		
		("4996077") or ("4996077") or ("4996077") or ("4996077") or		
,		("4996077") or ("3875068") or ("5494522") or ("5255153") or ("4645218") or		
		("3730873") or ("4996077") or ("4996077") or ("4645218") or ("5252178") or		
		("5255153") or ("3730873") or ("5255153") or ("5252178") or ("4645218") or		
		("4645218") or ("5255153") or ("5252178") or ("3730873") or ("4645218") or	[
		("5252170") or ("5255153") or ("2720072") - ("47404442") DNI)		i
	2	("5252178") or ("5255153") or ("3730873") or ("67101112")).PN.) and equation	l	
1	2	("5573690").PN.	USPAT;	2002/12/30 14:08
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
		(///	IBM_TDB	
	39	(("3718170") or ("4266453") or ("4346954") or ("4913461") or ("5253986") or	USPĀT;	2002/12/30 14:08
		("5482624") or ("5498023") or ("5607584") or ("5716503") or ("5803298") or	US-PGPUB;	
		("5588772") or ("5523652") or ("5588772") or ("5523652") or ("4027525") or	EPO; JPO;	
		("4909806") or ("5747917") or ("4904621") or ("4904621") or ("5812403") or	DERWENT;	
		("4207452") or ("5614026") or ("4904621") or ("4207452")).PN.	IBM TDB	
-	1047	(distribut\$4 same (holes and (relationship or equation)) and radial\$2)	USPĀT;	2002/12/30 14:14
		r	US-PGPUB;	2002/ 12/ 30 14:14
			EPO; JPO;	
			DERWENT;	
	195	((distribut\$4 same (holes and (relationship or equation)) and radial\$2)) and (wafer	IBM_TDB	2002/42/22
	1	or substrate)	USPĀT;	2002/12/30 14:12
İ	1	or substract,	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
_	8	/"	IBM_TDB	
_	0	("radial distribution" with holes) and (wafer or substrate)	USPAT;	2002/12/30 14:52
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	1 .1	//=== (0=0#) /========	IBM_TDB	
-	4	(("5574958") or ("5425811") or ("5478400") or ("5698168") or ("5478400") or	USPĀT	2002/12/30 14:53
	1			
		("5698168")).PN.		l
	2	("5698168")).PN. (("5478400") or ("5698168")).PN.	USPAT	2002/12/30 14:53
-	2 19	("5698168")).PN. (("5478400") or ("5698168")).PN.	USPAT USPAT	2002/12/30 14:53
-		("5698168")).PN. (("5478400") or ("5698168")).PN. (("3718170") or ("4266453") or ("4346954") or ("4913461") or ("5253986") or ("5482624") or ("5498023") or ("5607584") or ("5716503") or ("5803298") or	USPAT USPAT	2002/12/30 14:53 2002/12/30 14:54
-		("5698168")).PN. (("5478400") or ("5698168")).PN. (("3718170") or ("4266453") or ("4346954") or ("4913461") or ("5253986") or ("5482624") or ("5498023") or ("5607584") or ("5716503") or ("5803298") or		
-		("5698168")).PN. (("5478400") or ("5698168")).PN. (("3718170") or ("4266453") or ("4346954") or ("4913461") or ("5253986") or ("5482624") or ("5498023") or ("5607584") or ("5716503") or ("5803298") or ("5588772") or ("5523652") or ("5588772") or ("4027525") or		
-		("5698168")).PN. (("5478400") or ("5698168")).PN. (("3718170") or ("4266453") or ("4346954") or ("4913461") or ("5253986") or ("5482624") or ("5498023") or ("5607584") or ("5716503") or ("5803298") or ("5588772") or ("5523652") or ("5588772") or ("5523652") or ("4027525") or ("4909806") or ("5747917") or ("4904621") or ("4904621") or ("5812403") or		
-		("5698168")).PN. (("5478400") or ("5698168")).PN. (("3718170") or ("4266453") or ("4346954") or ("4913461") or ("5253986") or ("5482624") or ("5498023") or ("5607584") or ("5716503") or ("5803298") or ("5588772") or ("5523652") or ("5588772") or ("4027525") or	USPAT	2002/12/30 14:54
-	19	("5698168")).PN. (("5478400") or ("5698168")).PN. (("3718170") or ("4266453") or ("4346954") or ("4913461") or ("5253986") or ("5482624") or ("5498023") or ("5607584") or ("5716503") or ("5803298") or ("5588772") or ("5523652") or ("4027525") or ("4909806") or ("5747917") or ("4904621") or ("4904621") or ("5812403") or ("4207452") or ("5614026") or ("4904621") or ("4207452").PN.	USPAT;	
-	19	("5698168")).PN. (("5478400") or ("5698168")).PN. (("3718170") or ("4266453") or ("4346954") or ("4913461") or ("5253986") or ("5482624") or ("5498023") or ("5607584") or ("5716503") or ("5803298") or ("5588772") or ("5523652") or ("4027525") or ("4909806") or ("5747917") or ("4904621") or ("4904621") or ("5812403") or ("4207452") or ("5614026") or ("4904621") or ("4207452").PN.	USPAT; USPAT; US-PGPUB;	2002/12/30 14:54
-	19	("5698168")).PN. (("5478400") or ("5698168")).PN. (("3718170") or ("4266453") or ("4346954") or ("4913461") or ("5253986") or ("5482624") or ("5498023") or ("5607584") or ("5716503") or ("5803298") or ("5588772") or ("5523652") or ("4027525") or ("4909806") or ("5747917") or ("4904621") or ("4904621") or ("5812403") or ("4207452") or ("5614026") or ("4904621") or ("4207452").PN.	USPAT; US-PGPUB; EPO; JPO;	2002/12/30 14:54
-	19	("5698168")).PN. (("5478400") or ("5698168")).PN. (("3718170") or ("4266453") or ("4346954") or ("4913461") or ("5253986") or ("5482624") or ("5498023") or ("5607584") or ("5716503") or ("5803298") or ("5588772") or ("5523652") or ("4027525") or ("4909806") or ("5747917") or ("4904621") or ("4904621") or ("5812403") or ("4207452") or ("5614026") or ("4904621") or ("4207452").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/12/30 14:54
-	6275	("5698168")).PN. (("5478400") or ("5698168")).PN. (("3718170") or ("4266453") or ("4346954") or ("4913461") or ("5253986") or ("5482624") or ("5498023") or ("5607584") or ("5716503") or ("5803298") or ("5588772") or ("5523652") or ("4027525") or ("4909806") or ("5747917") or ("4904621") or ("4904621") or ("5812403") or ("4207452") or ("5614026") or ("4904621") or ("4207452")).PN. "/r"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/30 14:54 2002/12/30 14:55
-	6275	("5698168")).PN. (("5478400") or ("5698168")).PN. (("3718170") or ("4266453") or ("4346954") or ("4913461") or ("5253986") or ("5482624") or ("5498023") or ("5607584") or ("5716503") or ("5803298") or ("5588772") or ("5523652") or ("4027525") or ("4909806") or ("5747917") or ("4904621") or ("4904621") or ("5812403") or ("4207452") or ("5614026") or ("4904621") or ("4207452").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;	2002/12/30 14:54
-	6275	("5698168")).PN. (("5478400") or ("5698168")).PN. (("3718170") or ("4266453") or ("4346954") or ("4913461") or ("5253986") or ("5482624") or ("5498023") or ("5607584") or ("5716503") or ("5803298") or ("5588772") or ("5523652") or ("4027525") or ("4909806") or ("5747917") or ("4904621") or ("4904621") or ("5812403") or ("4207452") or ("5614026") or ("4904621") or ("4207452")).PN. "/r"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB;	2002/12/30 14:54 2002/12/30 14:55
-	6275	("5698168")).PN. (("5478400") or ("5698168")).PN. (("3718170") or ("4266453") or ("4346954") or ("4913461") or ("5253986") or ("5482624") or ("5498023") or ("5607584") or ("5716503") or ("5803298") or ("5588772") or ("5523652") or ("4027525") or ("4909806") or ("5747917") or ("4904621") or ("4904621") or ("5812403") or ("4207452") or ("5614026") or ("4904621") or ("4207452")).PN. "/r"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;	2002/12/30 14:54 2002/12/30 14:55
-	6275	("5698168")).PN. (("5478400") or ("5698168")).PN. (("3718170") or ("4266453") or ("4346954") or ("4913461") or ("5253986") or ("5482624") or ("5498023") or ("5607584") or ("5716503") or ("5803298") or ("5588772") or ("5523652") or ("4027525") or ("4909806") or ("5747917") or ("4904621") or ("4904621") or ("5812403") or ("4207452") or ("5614026") or ("4904621") or ("4207452")).PN. "/r"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB;	2002/12/30 14:54 2002/12/30 14:55

-	26		USPAT;	2002/12/30 14:59
	İ	("5849092") or ("5584963") or ("4178877") or ("5968276") or ("5383984") or	US-PGPUB;	
		("4178877") or ("5968276") or ("5383984") or ("4565157") or ("5383984") or	EPO; JPO;	
	1	("5613821") or ("4178877") or ("5968276") or ("5383984") or ("4178877") or	DERWENT;	
		("5968276") or ("5383984") or ("4178877") or ("5968276") or ("5383984") or	IBM TDB	
		("5613821") or ("5383984") or ("5968276") or ("5383984") or ("5968276") or		
		("5383984") or ("5968276") or ("5383984") or ("4178877") or ("5383984") or		
		("5968276") or ("5968276") or ("5383984")).PN.		
-	26	1 ((5. 75.55) 51 (5515021) 51 (5501705) 61 (5750007) 61 (5750077) 7 61	USPAT;	2002/12/30 14:59
		("4653428") or ("4565157") or ("4381965") or ("4292153") or ("4258658") or	US-PGPUB;	
		("5613821") or ("4178877") or ("5383984") or ("4178877") or ("5383984") or	EPO; JPO;	
		("4178877") or ("5383984") or ("5613821") or ("4178877") or ("5383984") or	DERWENT;	
İ		("5383984") or ("5383984") or ("5383984") or ("4178877") or ("5383984")).PN.	IBM TDB	
-	17	(("5370739") or ("5976992") or ("5522934") or ("5894159") or ("5733405") or	USPĀT;	2002/12/30 15:01
		("5894159") or ("5665640") or ("5894159") or ("5937304") or ("5894159") or	US-PGPUB;	
		("5480678") or ("5894159") or ("5894159") or ("5894159")).PN.	EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	26		USPĀT;	2002/12/30 15:02
	1	("4894254") or ("5431769") or ("4624767") or ("4950956") or ("5073241") or	US-PGPUB;	
1		("5444637") or ("5795452") or ("5595627") or ("4894254") or ("4894254") or	EPO; JPO;	
		("4894254") or ("4894254")).PN.	DERWENT;	
	,	((1421522211) (15474(4011) (17572)	IBM TDB	!
-	4	(("4315333") or ("5474648") or ("5474648")).PN.	USPĀT;	2002/12/30 15:02
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	20	(/#3710170H)	IBM_TDB	
1 -	39	(("3718170") or ("4266453") or ("4346954") or ("4913461") or ("5253986") or	USPĀT;	2002/12/30 15:12
		("5482624") or ("5498023") or ("5607584") or ("5716503") or ("5803298") or	US-PGPUB;	
		("5588772") or ("5523652") or ("5588772") or ("5523652") or ("4027525") or	EPO; JPO;	
		("4909806") or ("5747917") or ("4904621") or ("4904621") or ("5812403") or	DERWENT;	
<u> </u>	10	("4207452") or ("5614026") or ("4904621") or ("4207452")).PN.	IBM_TDB	
-	10	(("5591493") or ("5591493") or ("9101116") or ("5591493") or ("5591493") or	USPAT;	2002/12/30 15:13
		("5591493") or ("5591493") or ("5591493") or ("5591493") or ("5591493") or	US-PGPUB;	
! [("5591493") or ("5591493") or ("5591493") or ("5101116") or	EPO; JPO;	
	İ	("5591493") or ("5591493") or ("5591493") or ("5591493") or ("5591493") or	DERWENT;	
		("5591493") or ("5591493") or ("5591493") or ("5591493") or ("5591493") or	IBM_TDB	
		("5591493") or ("5591493") or ("5591493") or ("5591493") or ("5591493") or		
		("5591493") or ("5591493") or ("5591493") or ("5591493") or ("5591493") or	ĺ	
		("5591493") or ("5591493") or ("5591493") or ("9101116") or ("5591493") or		
		("5591493") or ("5591493") or ("5591493") or ("5591493") or ("5591493") or		
	40	("5591493") or ("5591493") or ("5591493")).PN.		
	70	(("4909695") or ("5626677") or ("5904778") or ("5556500") or ("5540821") or	USPAT;	2002/12/30 15:14
		("5267607") or ("5387326") or ("5215640") or ("5130005") or ("4410407") or ("5252194") or ("5772770") or ("4422710")	US-PGPUB;	
1		("5252194") or ("5772770") or ("4632719") or ("5863170") or ("5284561") or ("4718975") or ("4836733") or ("5427670") or ("5417798") or ("5427670") or	EPO; JPO;	
		("5417798") or ("5427670")).PN.	DERWENT;	
-	4	(("4626876") or ("5852275")).PN.	IBM_TDB	0000//-/
	•	((1020010) Of (3032213)).ITW.	USPAT;	2002/12/30 15:14
			US-PGPUB;	
-			EPO; JPO;	
	}		DERWENT;	
] -	39	(("3718170") or ("4266453") or ("4346954") or ("4913461") or ("5253986") or	IBM_TDB	2002/42/22 := :=
		("5482624") or ("5498023") or ("5607584") or ("5716503") or ("5803298") or	USPĀT;	2002/12/30 15:15
		("5588772") or ("5523652") or ("5588772") or ("5523652") or ("4027525") or	US-PGPUB;	
		("4909806") or ("5747917") or ("4904621") or ("4904621") or ("5812403") or	EPO; JPO;	
		("4207452") or ("5614026") or ("4904621") or ("4207452")).PN.	DERWENT;	
_	10	(("5591493") or ("5591493") or ("9101116") or ("5591493") or ("5591493") or	IBM_TDB	2002/12/20 15 15
		("5591493") or ("5591493") or ("5591493") or ("5591493") or ("5591493")	USPAT;	2002/12/30 15:15
] [("5591493") or ("5591493") or ("5591493") or ("5591493") or ("511116") or	US-PGPUB;	
		("5591493") or ("5591493") or ("5591493") or ("5591493") or ("5591493")	EPO; JPO;	,
	-	("5591493") or ("5591493") or ("5591493") or ("5591493") or	DERWENT; IBM TDB	·
		("5591493") or ("5591493") or ("5591493") or ("5591493") or	מחו זאומי	
		("5591493") or ("5591493") or ("5591493") or ("5591493") or		
ļ		("5591493") or ("5591493") or ("5591493") or ("5101116") or ("5591493") or		İ
		("5591493") or ("5591493") or ("5591493") or ("5591493") or		
		("5591493") or ("5591493") or ("5591493")).PN.		
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-	25	(("4902934") or ("4915979") or ("4951602") or ("4956204") or ("4986214") or	USPAT	2002/12/30 15:24
		("4996077") or ("5082685") or ("5134965") or ("5282899") or ("5336533") or		
		("5376223") or ("5468955") or ("5494522") or ("5510277") or ("5587039") or		
1		("5614055") or ("5627105") or ("5681393") or ("5707485") or ("5824604") or		
		("4996077") or ("4996077") or ("4996077") or ("4645218") or ("3875068") or		
		("4996077") or ("5494522") or ("3875068") or ("5494522") or ("5255153") or		
		("4645218") or ("3730873") or ("3730873") or ("4996077") or ("4996077") or		
		("3875068") or ("5494522") or ("5255153") or ("4645218") or ("3730873") or		
		("4996077") or ("3875068") or ("5494522") or ("4996077") or ("5255153") or		
		("5255153") or ("4996077") or ("4645218") or ("4645218") or ("4996077") or		
		("3730873") or ("3730873") or ("4996077") or ("3875068") or ("5494522") or		
		("5255153") or ("4645218") or ("3730873") or ("4996077") or ("4996077") or		
		("4996077") or ("4996077") or ("4996077") or ("4996077") or ("4996077") or		
		("4996077") or ("3875068") or ("5494522") or ("5255153") or ("4645218") or		
		("3730873") or ("4996077") or ("4996077") or ("4645218") or ("5252178") or		
		("5255153") or ("3730873") or ("5255153") or ("5252178") or ("4645218") or		
		("4645218") or ("5255153") or ("5252178") or ("3730873") or ("4645218") or		
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-	2	6403491.pn.	USPAT:	2002/12/30 15:36
			US-PGPUB:	
			EPO; JPO;	
İ			DERWENT:	
]			IBM TDB	
-	3	(("6432259") or ("5248371") or ("6403491") or ("6403491")).PN.	USPĀT	2002/12/30 15:36
-	2	(("5248371") or ("6403491") or ("6403491")).PN.	USPAT	2004/04/21 14:00
-	2	us-20020144784-\$.did.	USPAT:	2004/04/21 14:00
			US-PGPUB;	2001/01/2111.00
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	56	(Sakai-Shiro.in. or Takamatsu-Yukichi.in. or Mori-Yuji.in. or Wang-Hong-Xing.in.	USPĀT;	2004/04/21 14:20
		or Komiya-Yoshinao.in. or Kureha-Reiji.in. or Ishihama-Yoshiyasu.in. or	US-PGPUB:	2001/01/21 11:20
		Amijima-Yutaka.in.) and (CVD or "chemical vapor deposition")	EPO; JPO;	
		· · · · · · · · · · · · · · · · · · ·	DERWENT:	
	i i		IBM TDB	
_	7	(US-6432259-\$ or US-6403491-\$ or US-6436193-\$ or US-6381021-\$ or	USPĀT;	2004/04/21 14:22
	1	US-6302964-\$ or US-6302965-\$).did. or (JP-11265846-\$).did.	DERWENT	2007/07/21 14:22